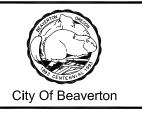


- These trench backfill requirements apply to all public utility pipes. For additional requirements, see CWS Design and Construction Standards and City's *Engineering Design Manual* sections 210.18 & 210.19.
- 2. Sawcut existing A.C. pavement full depth. Sawcut existing P.C.C. pavement according to *Beaverton Standard Dwgs* 309 & 310.
- 3. For P.C.C. pavement required width of cut see Beaverton Standard Dwgs 309 & 310.
- 4. Match existing pavement material(s). Thickness shall be as follows:
 - a. For existing Portland Cement Concrete (P.C.C.): existing pavement thickness plus 2-inches, but not less than 8-inches. On Arterial and Collector streets, concrete patching material shall be high early strength class 5,000 psi P.C.C. approved by City Engineer.
 - b. For existing Asphalt Concrete (A.C.): resurface to a minimum of $3\frac{1}{2}$ -inches of class 'C' A.C. or existing A.C. thickness plus 2-inches, whichever is greater, but do not exceed 6-inches. Compact A.C. in 2-inch maximum lifts to 91% of maximum density (*Rice*).
- 5. All cut edges of A.C. shall be sand sealed with CRS-1 or CRS-2 emulsified asphalt or equal.
- 6. For conduit trench requirements see Beaverton Standard Dwg 301.



ENGINEERING		PIPE TRENCH BACKFILL			
DEPARTMENT		AND SURFACE RESTORATION			
CITY ENGINEED		TE	DD AVAN DV	DDAWING NO	

CITY ENGINEER	DATE	DRAWN BY	DRAWING NO.
Terry Waldele, P.E.	6 - 10 - 04	JR - CPD	300